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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/15893

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> B41M 5/00, B41J 2/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> B41M 5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Japanese Utility Model Gazette 1926-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-39026 A (KONICA CORP) 2001.02.13, FULL TEXT (FAMILY:NONE)	1-15
Y	EP 1034940 A1 (KONICA CORP) 2000.09.13, FULL TEXT & US 6492005 B1 & JP 2000-263928 A	1-15
Y	JP 63-224988 A (CANON KK) 1988.09.20, CLAIM1, EXAMPLE5 (FAMILY:NONE)	1, 2, 6, 7
Y	JP 2002-86905 A (MITSUI CHEM INC) 2002.03.26, FULL TEXT (FAMILY:NONE)	2-5
Y	JP 11-269418 A (DU PONT DE NEMOURS & CO E I) 1999.10.05, FULL TEXT (FAMILY:NONE)	1, 11, 15
Y	US 6281267 B2 (HEWLETT-PACKARD CO) 2001.08.28, FULL TEXT & EP 997506 A1 & JP 2000-129184 A	1, 11, 12, 15



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

05.03.2004

Date of mailing of the international search report

23.3.2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1201719 A1 (HEWLETT-PACKARD CO) 2002.05.02, FULL TEXT & US 6500880 B1 & JP 2002-212479 A	1, 11, 12, 15
EY	EP 1285948 A2 (CANON KK) 2003.02.26, FULL TEXT & US 2003/0050364 A1 & JP 2003-119342 A	1, 11-15